



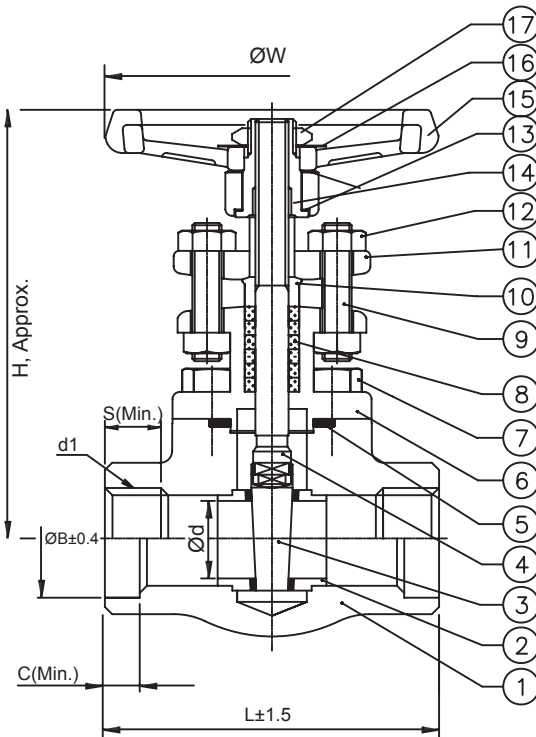
Gate Valve 150 - 800 lb.

Construction is as follows:

- Full Port (Conventional Port also available)
- Outside Screw and Yokes (OS & Y)
- Two piece self aligning packing gland
- Bolted bonnet with spiral-wound gasket
- Integral backseat
- Socket weld Ends to ANSI/ASME B16.11
- Screwed Ends (NPT) to ANSI/ASME B1.20.1

Design Construction & Specifications

Forged steel gate valves conform to API 602, BS 5352
ANSI B16.34 / Each are tested according to API 598 and
marking is per MSS SP-25



Standard Material Specifications

No.	Part Name	Materials
1	Body	A105N
2	Seat Ring	A276-410 HF No.6
3	Wedge	A182-F6a HF No.6
4	Stem	A182-F6a
5	Gasket	SPW 304+Graphite
6	Bonnet	A105N
7	Bonnet Bolt	A193-B7
8	Gland Packing	Flexible Graphite
9	Gland Bolt	A193-B8
10	Gland	A276-410
11	Gland Flange	A105N
12	Gland Nut	A194-2H
13	Sleeve Washer	Stainless Steel
14	Stem Sleeve	A276-410
15	Handwheel	A197
16	Nameplate	SS304
17	H/W Nut	A194-2H

Dimensions (mm)

NPS (inch)	H	L	ØW	Ød	d1	S
1/2"	160	79	100	10	1/2 NPT	13.6
3/4"	166	92	100	13.5	3/4 NPT	14
1"	196	111	120	17.5	1 NPT	17.4
1-1/4"	226	118	150	22.5	1-1/4 NPT	18
1-1/2"	250	120	150	28.6	1-1/2 NPT	18.4
2"	270	132	150	36.5	2 NPT	19.2

*last updated 03/16